

ABSTRACT

A double-sided optical disc, such as a DVD-18 disc, is formed with data tracks on each layer. The tracks on one side are oriented along one spiral while the tracks on the other side are oriented along another spiral, the two spirals being oriented in opposite directions as viewed from the respective sides, so that they are mirror images of each other. This allows data to be read by a player seamlessly from either side of the disc without changing the direction of rotation of the disc while normal data reading is proceeding. An optical disc drive is provided with an opening to accept the disc. The drive is incorporated into an entertainment device, a desktop PC, a mobile computing device, a PC tablet, etc. The disc drive includes two heads, one disposed on an inner wall of the drive facing the disc, and the other is disposed on a tray moving in and out of the opening.